

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035579.D
 Acq On : 3 Jul 2018 9:58
 Operator : JU/SJ
 Sample : J3796-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

Quant Time: Jul 03 11:24:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36336	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	134916	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	94351	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	262766	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	295038	20.00	ng	-0.03
86) Perylene-d12	24.91	264	269226	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	264786	122.98	ng	0.00
7) Phenol-d6	7.23	99	350048	110.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	272214	95.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	179810	148.87	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	612062	84.33	ng	-0.02
78) Terphenyl-d14	20.03	244	1224945	86.97	ng	-0.02

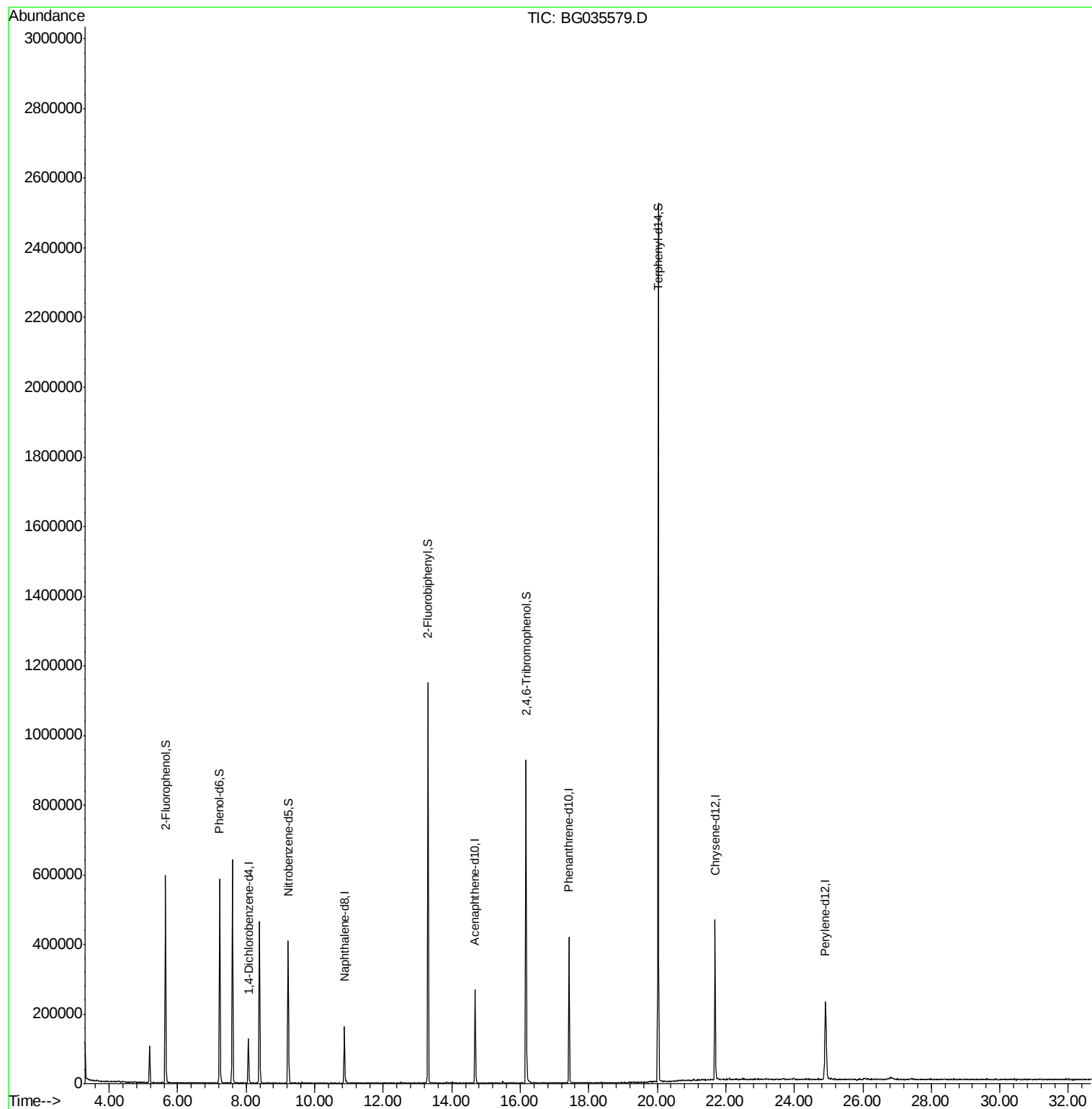
Target Compounds Qvalue

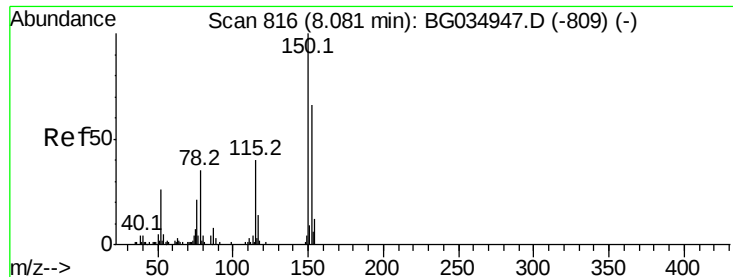
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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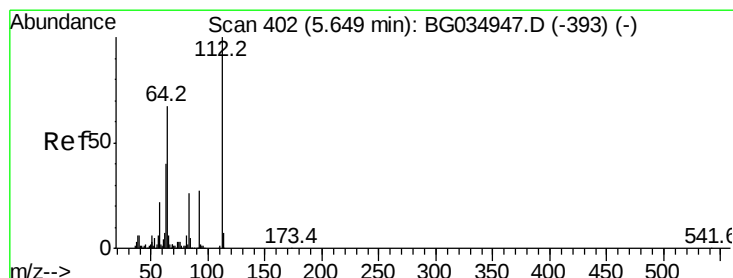
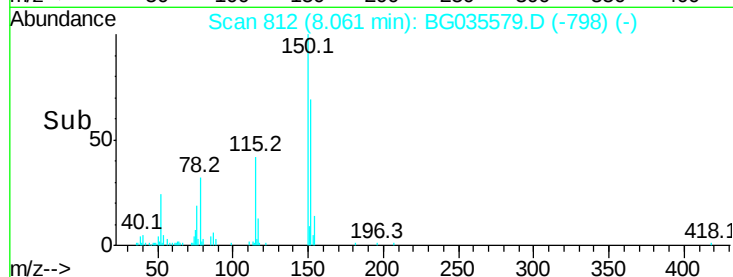
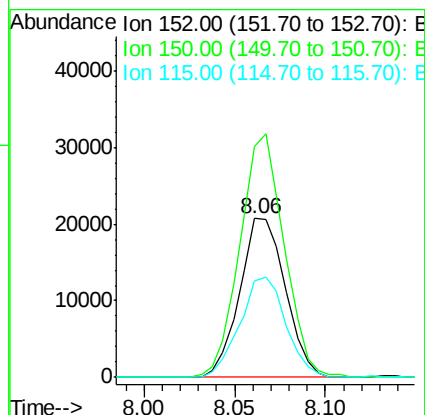
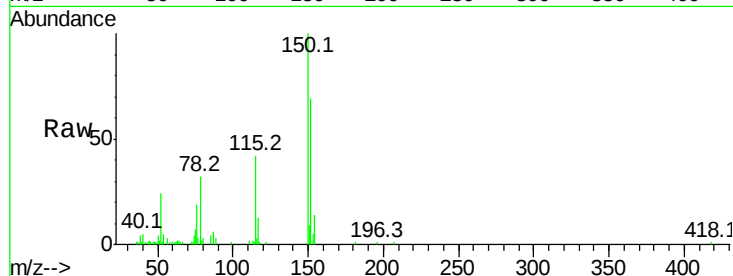


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Instrument :
BNA_G
ClientSampleId :
JC-SOIL

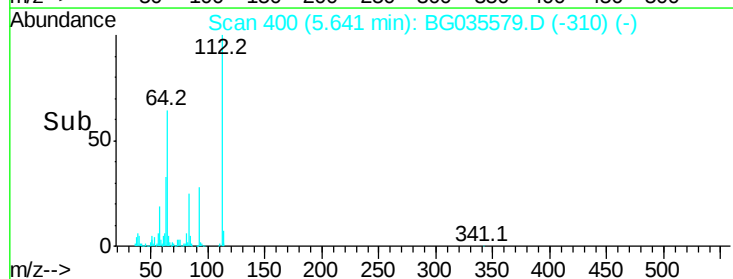
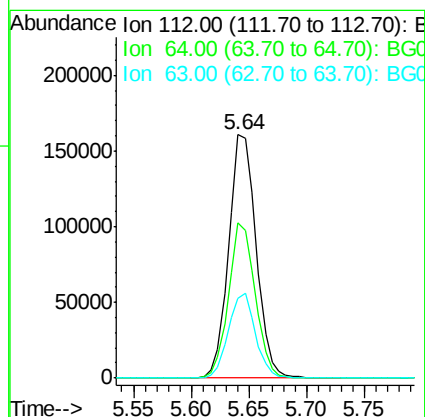
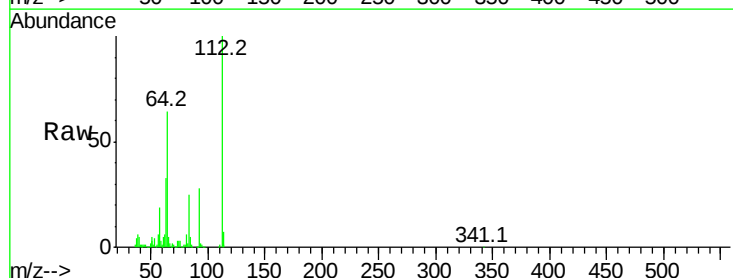
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	60.5	53.0	79.4

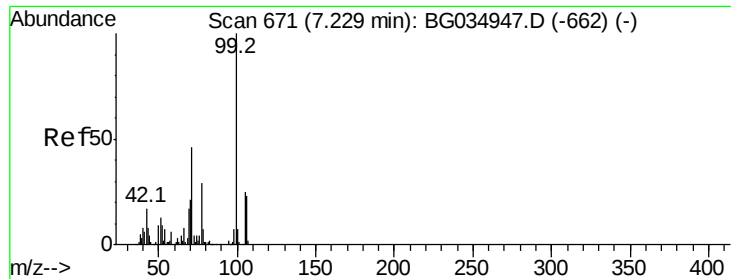


#5

2-Fluorophenol
Concen: 122.979 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.3	84.5
63	32.6	30.1	45.1





#7

Phenol-d6

Concen: 110.152 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampleId :

JC-SOIL

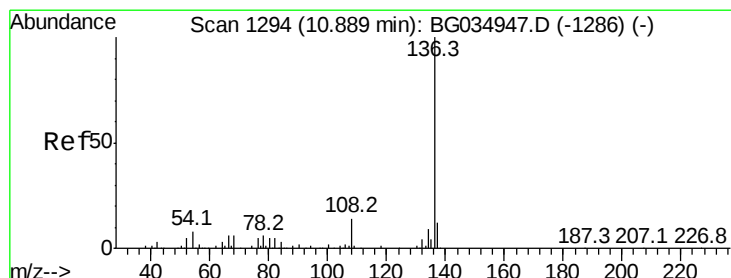
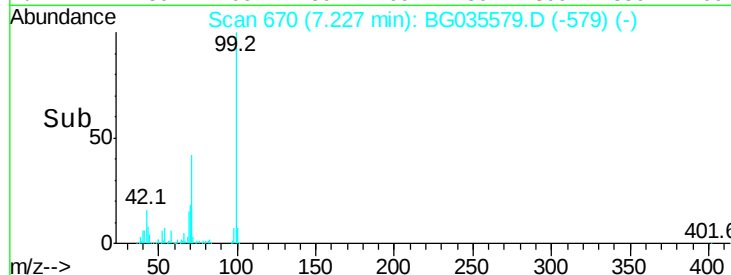
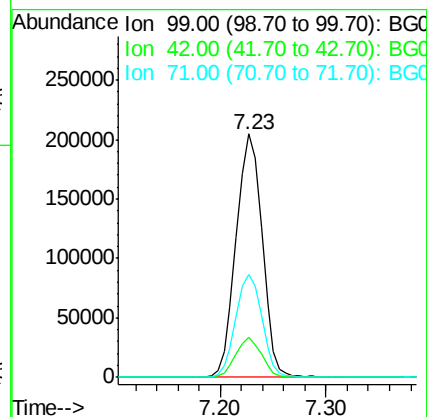
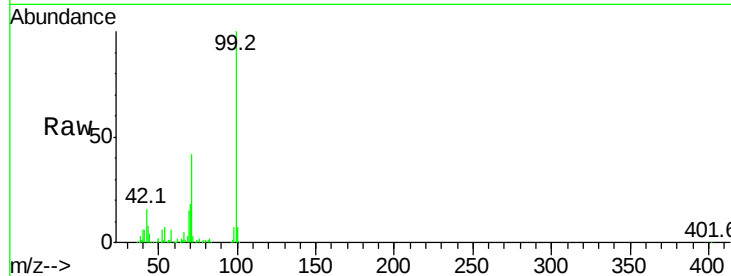
Tot Ion: 99 Resp: 350048

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Tgt Ion: 136 Resp: 134916

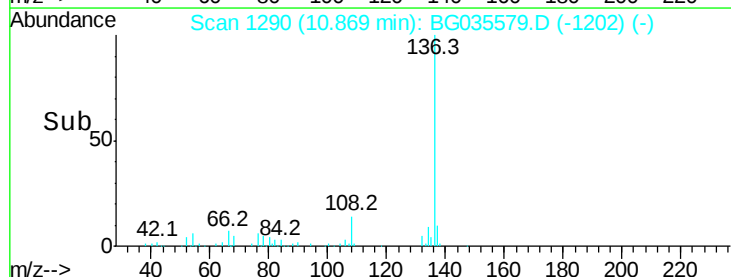
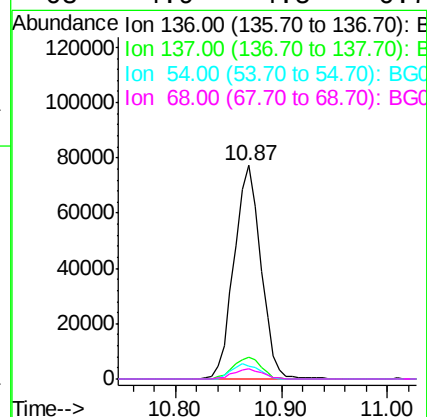
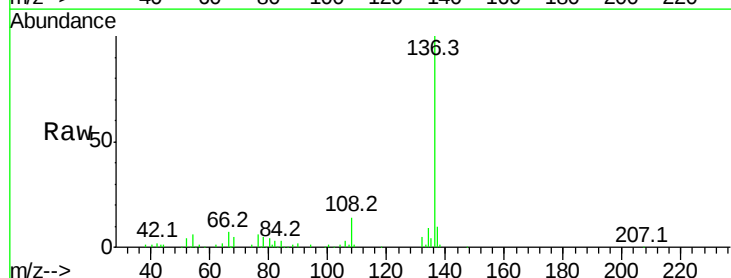
Ion Ratio Lower Upper

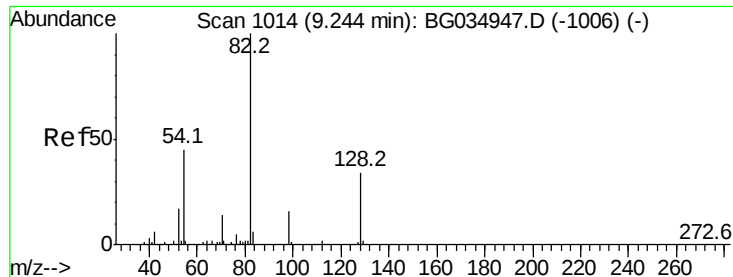
136 100

137 10.1 9.2 13.8

54 6.2 10.3 15.5#

68 4.9 4.5 6.7

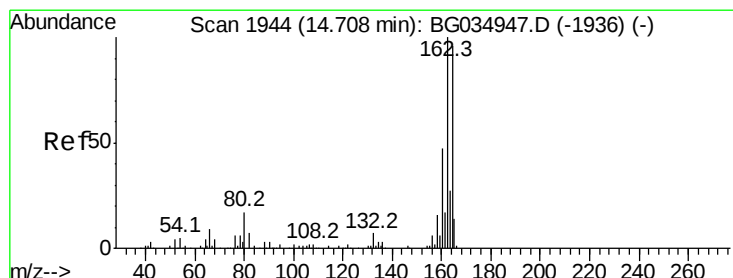
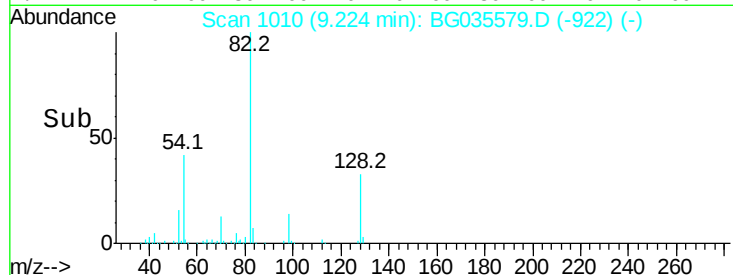
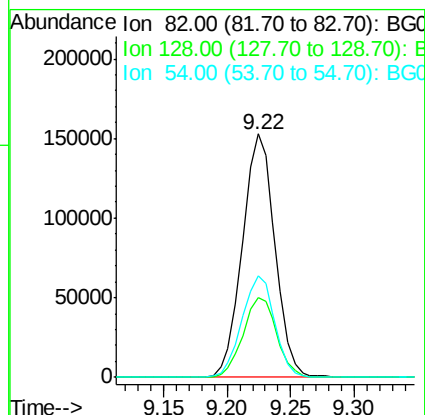
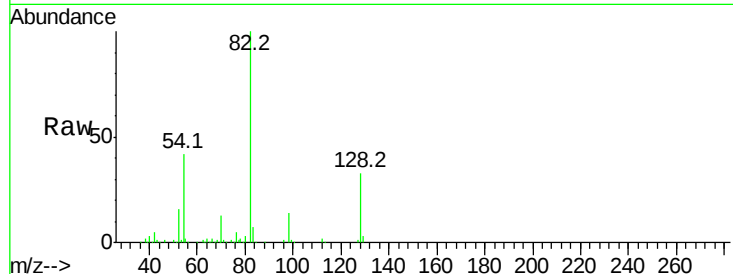




#23
 Nitrobenzene-d5
 Concen: 95.908 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

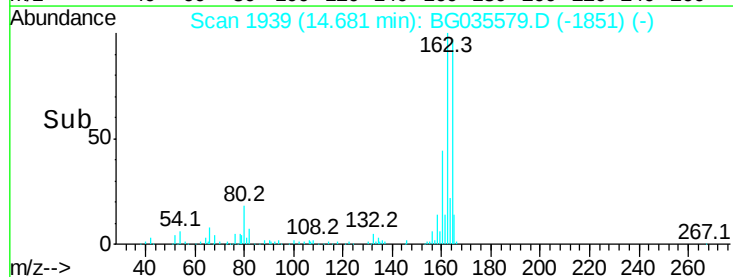
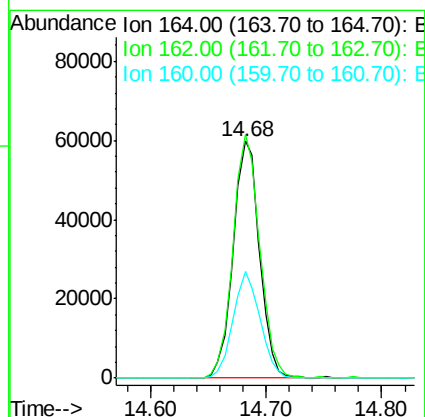
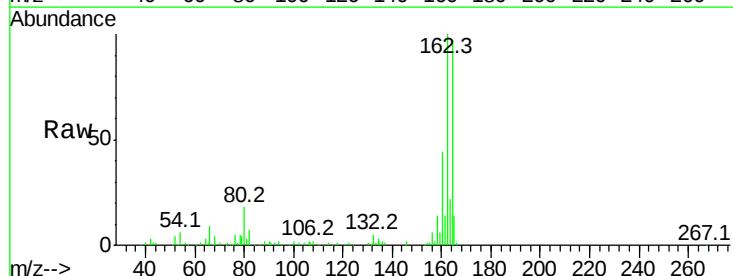
Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

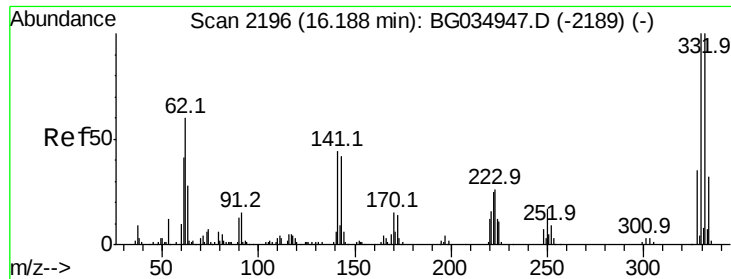
Tot Ion	82	Resp	272214
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	41.5	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

Tgt Ion	164	Resp	94351
Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	45.1	35.4	53.0

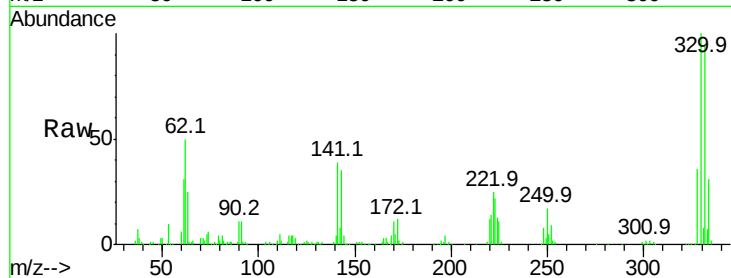




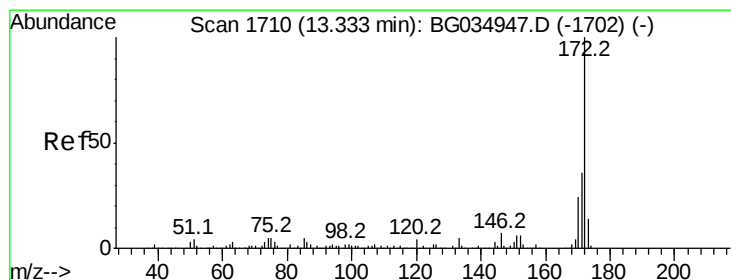
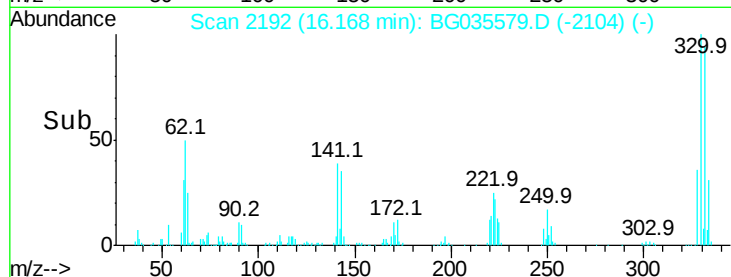
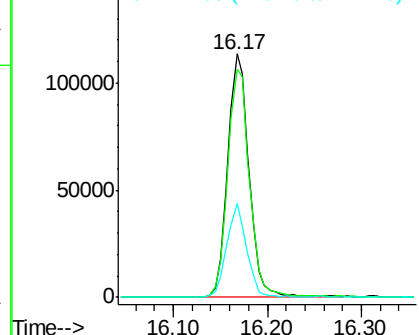
#41
 2,4,6-Tribromophenol
 Concen: 148.872 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

Tot Ion:330 Resp: 179810
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.2 25.2 37.8

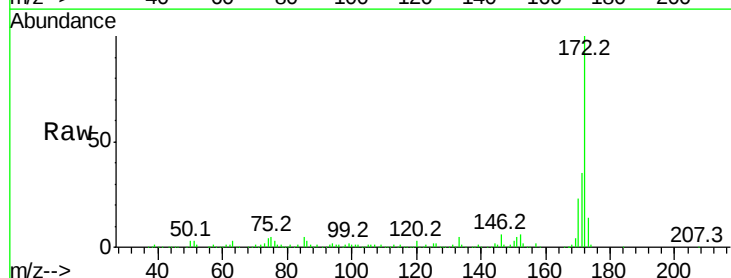


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

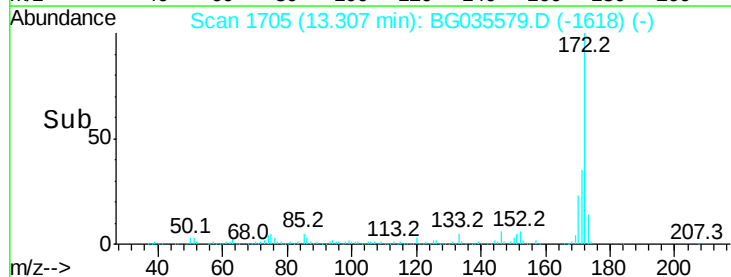
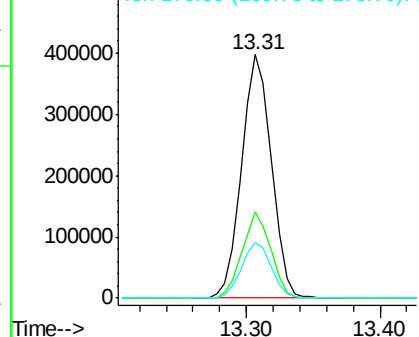


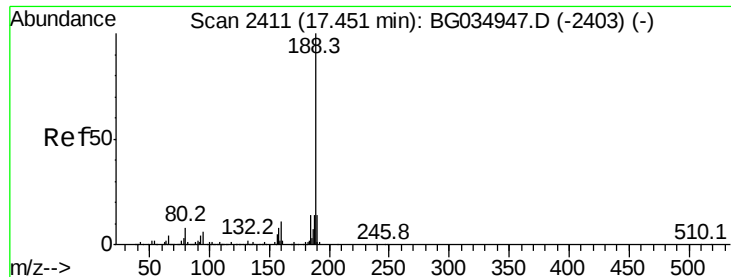
#44
 2-Fluorobiphenyl
 Concen: 84.332 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

Tgt Ion:172 Resp: 612062
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 22.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampleId :

JC-SOIL

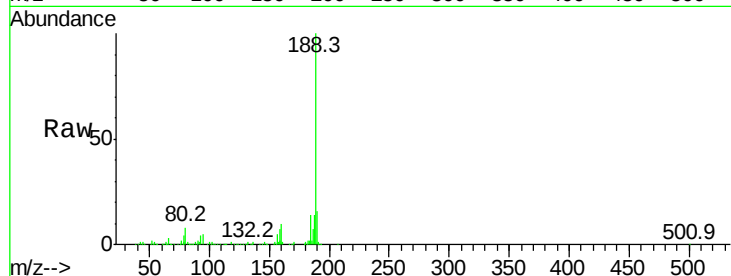
Tot Ion:188 Resp: 262766

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

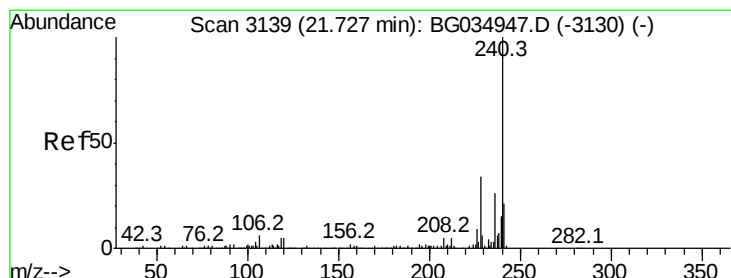
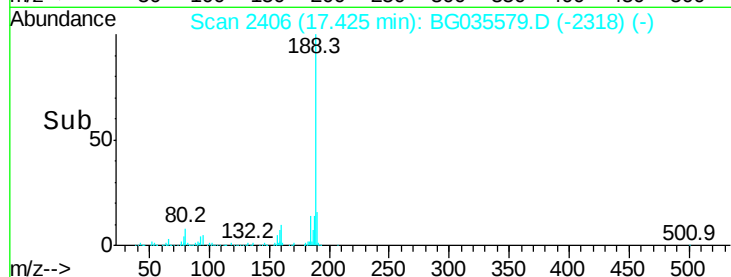
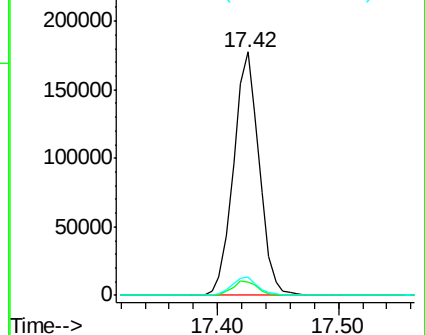
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

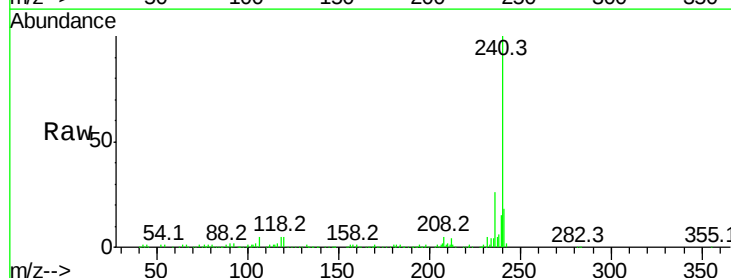
Tgt Ion:240 Resp: 295038

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

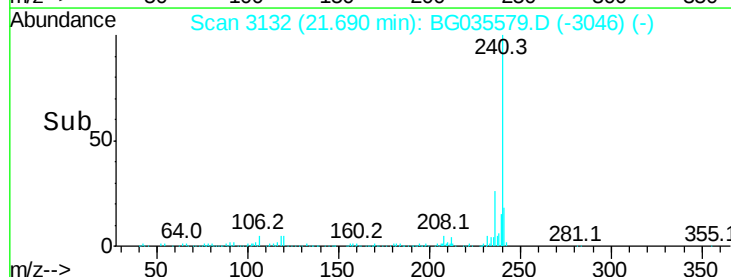
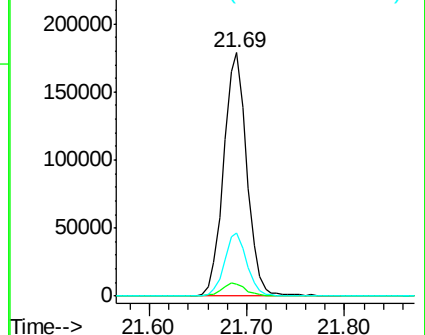
236 25.8 20.9 31.3

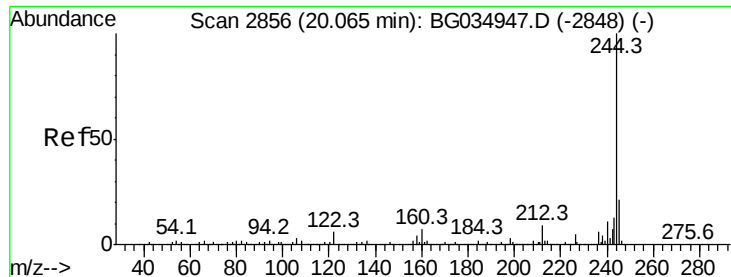


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.967 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampleId :

JC-SOIL

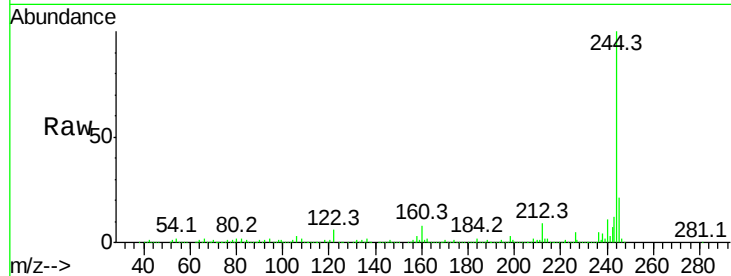
Tot Ion:244 Resp: 1224945

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

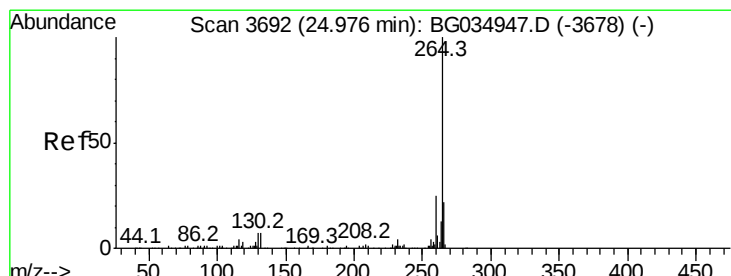
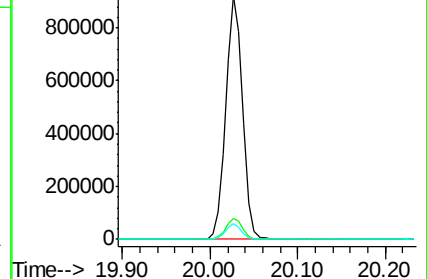
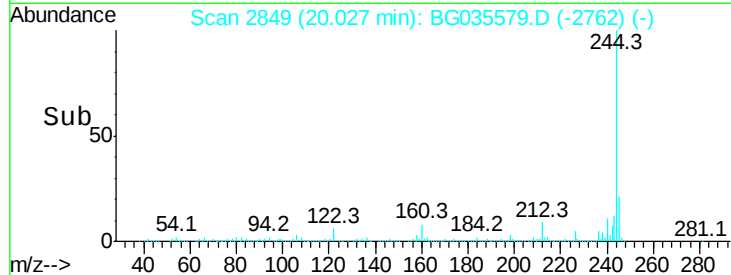
122 6.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.04 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

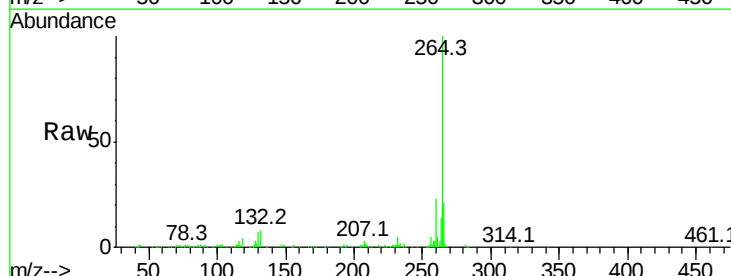
Tgt Ion:264 Resp: 269226

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

